

**Subject: RE: [Fwd: Toxicology Chip]****Date: Mon. 3 Jul 2000 08:09:45 -0400****From: "Afshari,Cynthia" <afshari@niehs.nih.gov>****To: "Diana Hamlet-Cox" <dianahc@incyte.com>**

You can see the list of clones that we have on our 12K chip at

<http://manuel.niehs.nih.gov/maps/guest/clonesrch.cfm>

We selected a subset of genes (2000K) that we believed critical to tox response and basic cellular processes and added a set of clones and ESTs to this. We have included a set of control genes (80+) that were selected by the NHGRI because they did not change across a large set of array experiments. However, we have found that some of these genes change significantly after tox treatments and are in the process of looking at the variation of each of these 80+ genes across our experiments. Our chips are constantly changing and being updated and we hope that our data will lead us to what the toxchip should really be.

I hope this answers your question.

Cindy Afshari

> -----

> From: Diana Hamlet-Cox

> Sent: Monday, June 26, 2000 8:52 PM

> To: afshari@niehs.nih.gov

> Subject: [Fwd: Toxicology Chip]

> Dear Dr. Afshari,

> Since I have not yet had a response from Bill Grigg, perhaps he was not  
> the right person to contact.

> Can you help me in this matter? I don't need to know the sequences,  
> necessarily, but I would like very much to know what types of sequences  
> are being used, e.g., GPCRs (more specific?), ion channels, etc.

> Diana Hamlet-Cox

> ----- Original Message -----

> Subject: Toxicology Chip

> Date: Mon, 19 Jun 2000 18:31:48 -0700

> From: Diana Hamlet-Cox <dianahc@incyte.com>

> Organization: Incyte Pharmaceuticals

> To: grigg@niehs.nih.gov

> Dear Colleague:

> I am doing literature research on the use of expressed genes as  
> pharmacotoxicology markers, and found the Press Release dated February  
> 29, 2000 regarding the work of the NIEHS in this area. I would like to  
> know if there is a resource I can access (or you could provide?) that  
> would give me a list of the 12,000 genes that are on your Human ToxChip  
> Microarray. In particular, I am interested in the criteria used to  
> select sequences for the ToxChip, including any control sequences  
> included in the microarray.

> Thank you for your assistance in this request.

> Diana Hamlet-Cox, Ph.D.

> Incyte Genomics, Inc.

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